



Form PTO-1449 Equivalent	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 501.41142VX1	SERIAL NO. 10/806,097
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT OGAWA et al	
		FILING DATE March 23, 2004	GROUP 2871

U.S. PATENT DOCUMENTS

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
~	AA	6,738,123	5/04	Takahashi et al		
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					

U.S. PATENT APPLICATIONS

	Publication Number	Name	Publication Date
	AI		
	AJ		
	AK		
	AL		

FOREIGN PATENT DOCUMENTS

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
	AM						
	AN						
	AO						
	AP						
	AQ						

OTHER DOCUMENTS

	AR	
	AS	
	AT	
Examiner 		Date Considered 6/14/04

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U.S. PATENT DOCUMENTS

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
~	AA	5,877,543	3/99	Matsubara		
	AB					
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	AD					
	AE					
	AF					
	AG					
	AH					


U.S. PATENT APPLICATIONS

	Publication Number	Name	Publication Date
	AI		
	AJ		
	AK		
	AL		

FOREIGN PATENT DOCUMENTS

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
~	AM	5-100239	4/93	Japan		X	
	AN	10-261853	9/98	Japan		X	
	AO	9-82751	3/97	Japan		Corresponds to Document AA	
	AP	8-78471	3/96	Japan		X	
	AQ						

OTHER DOCUMENTS

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	AS	
	AT	
Examiner 		Date Considered 09/21/06

Form PTO-1449
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U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 501.41142VX1
Serial No. 10/806,097
Applicant: K. OGAWA, et al
Filing Date: March 23, 2004
Group: 2871



U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
m	6,195,148 B1	2/01	Sasuga et al		

Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
m 11-209713	8/99	Japan		X

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Date Considered

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Draw line through citation if not in conformance and not considered. Include copy of this form with next
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Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
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0 795 772 B1 11/02 European

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

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